

Application No.: To Be Assigned

MTS-3512US

COPY

ABSTRACT

A wireless communication system includes a first wireless communication unit with a first communication antenna that performs wireless data communication, a first wire connection section that performs wired data communication, before establishing a wireless link for carrying out wireless data communication, using a wired connection, and a first connection change-over switch that changes over whether the wireless data communication should be carried out using the first communication antenna or the wired data communication should be carried out using the first wire connection section. A second wireless communication unit includes a second communication antenna that performs wireless data communication with the first communication antenna, a second wire connection section that performs wired data communication with the first wired communication device using the wired connection, and a connection change-over switch that changes over whether wireless data communication should be carried out using the second communication antenna or wired data communication should be carried out using the second wire connection device.